

INFORMATION REPORT

CD NO. [REDACTED]

25X1

*Jul 838*

25X1 COUNTRY Germany (Buccian Zone) DATE DISTR 25 APR 51  
SUBJECT Radar Installation on Cape Arkona (Ruegen) NO. OF PAGES ? 25X1  
25X1 PLACE ACQUIRED [REDACTED] NO. OF ENCLS. (LISTED BELOW) [REDACTED]  
DATE OF INFO. [REDACTED] SUPPLEMENT TO REPORT NO. [REDACTED]

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THIS IS UNEVALUATED INFORMATION

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1. A radar station is located at Cape Arkona, on the Isle of Ruegen. The building in which the station is located is a house built by the German Navy in 1915. The station crew, consisting of one Soviet Navy officer and 10 or 11 Soviet Navy enlisted men, live in the radar station house.

2. The radar antenna on the roof is about 20 meters in height, and the radio mast at the side of the house is about 23 meters high (see enclosures 2, 3, and 4 for position). The house is surrounded by a barbed-wire fence which also takes in the 23-foot mast.\*

3. [REDACTED] 25X1

It is a signal mast used by the personnel of Arkona lighthouse for reporting wind and sea conditions, and has no connection with the radar installation

25X1 [REDACTED] The wooden hut [REDACTED] is 25X1 constantly occupied by two Soviet soldiers. The object just behind the wooden hut is unidentified.\*\*

3. Along the coast from Cape Arkona to Varnkowitz via Gell Ort there are no Soviet installations except for occasional trenches and foxholes.

4. The coastal area from Juliusruh to Varnkowitz via Cape Arkona is guarded by Volkspolizei units, working in double patrols. This Volkspolizei force, totalling about 60 men, is quartered in Juliusruh. In addition, there are smaller Volkspolizei units at Glowe and Alten Kirchen.

25X1 \* [REDACTED] Comment: The radar dome [REDACTED] 25X1 is believed to contain a 10-centimeter surface-warning radar, possibly of the American type SL-3, an obsolete radar of American type Mark 16, or an English type 2/1, which has the same characteristics as the SL-3. The maximum range against large surface ships is believed to be about 22 sea miles, and for aircraft at a height of about 2,000 meters, approximately 44 sea miles.

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CENTRAL INTELLIGENCE AGENCY

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[redacted] 25X1

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see [redacted] Comment: It may be a VHF direction-finder.

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